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Figure 1A.

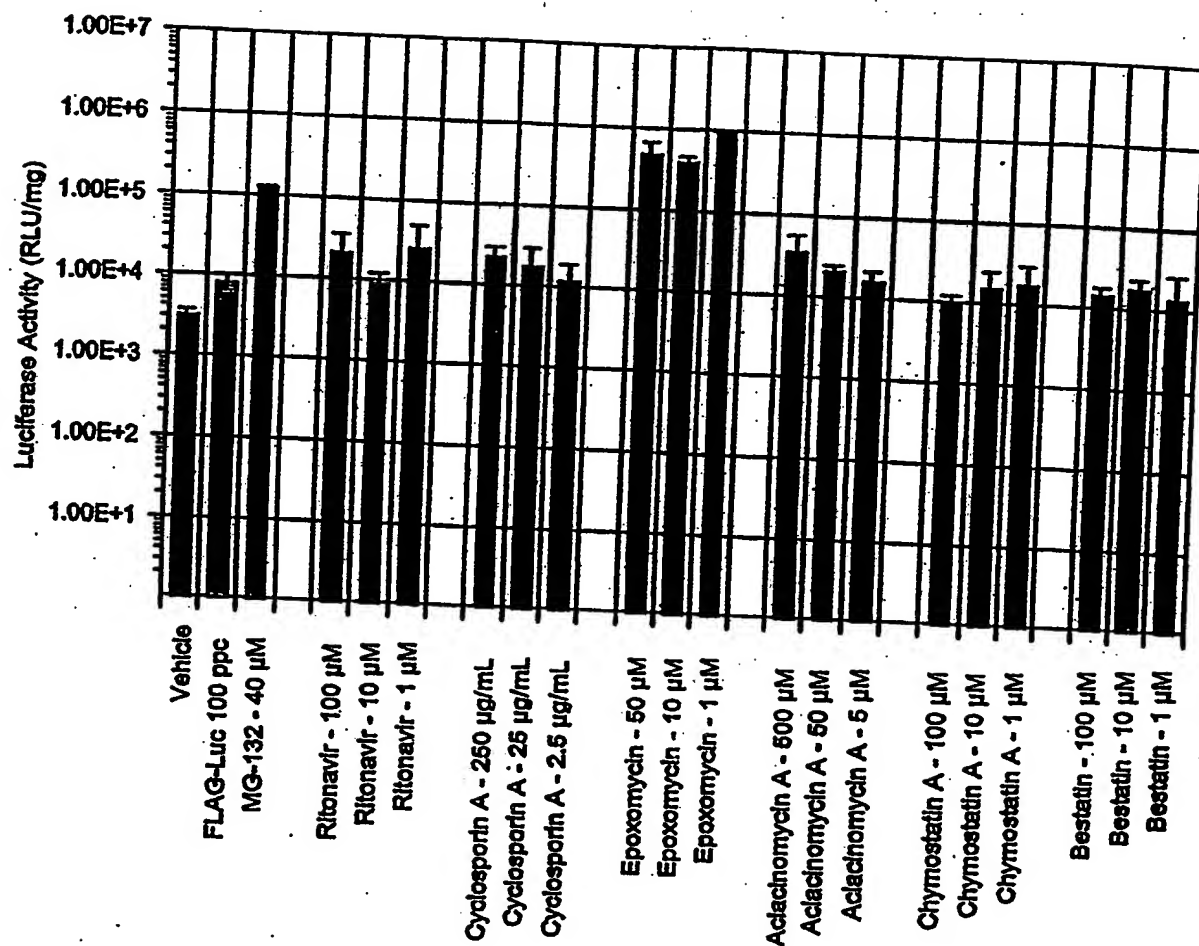


Figure 1B.

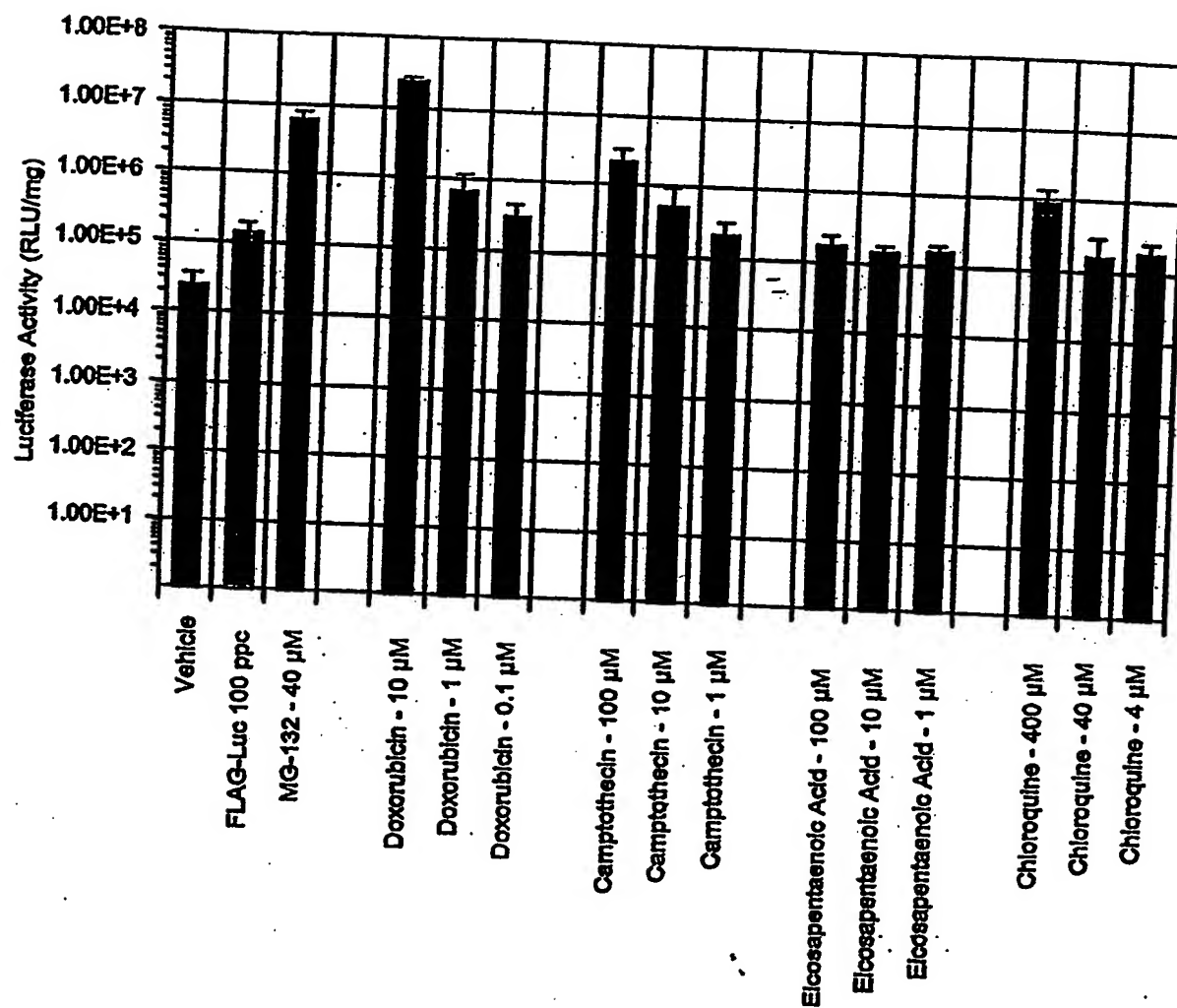


Figure 1C.

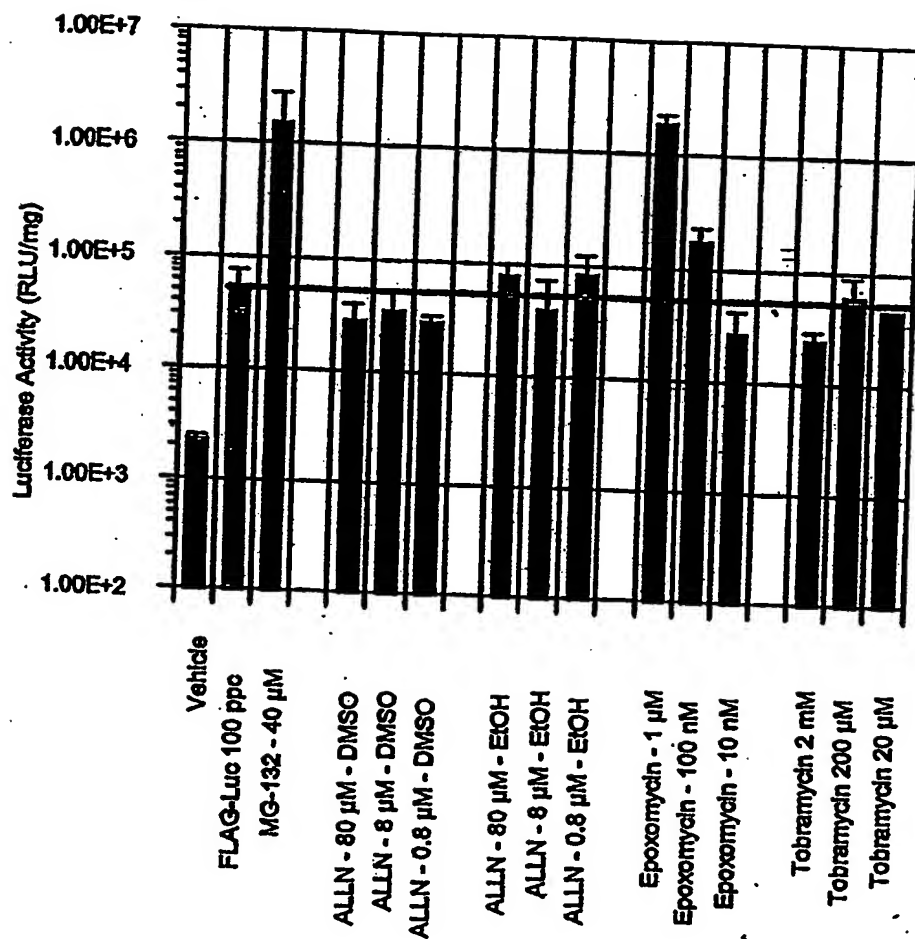


Figure 1D.

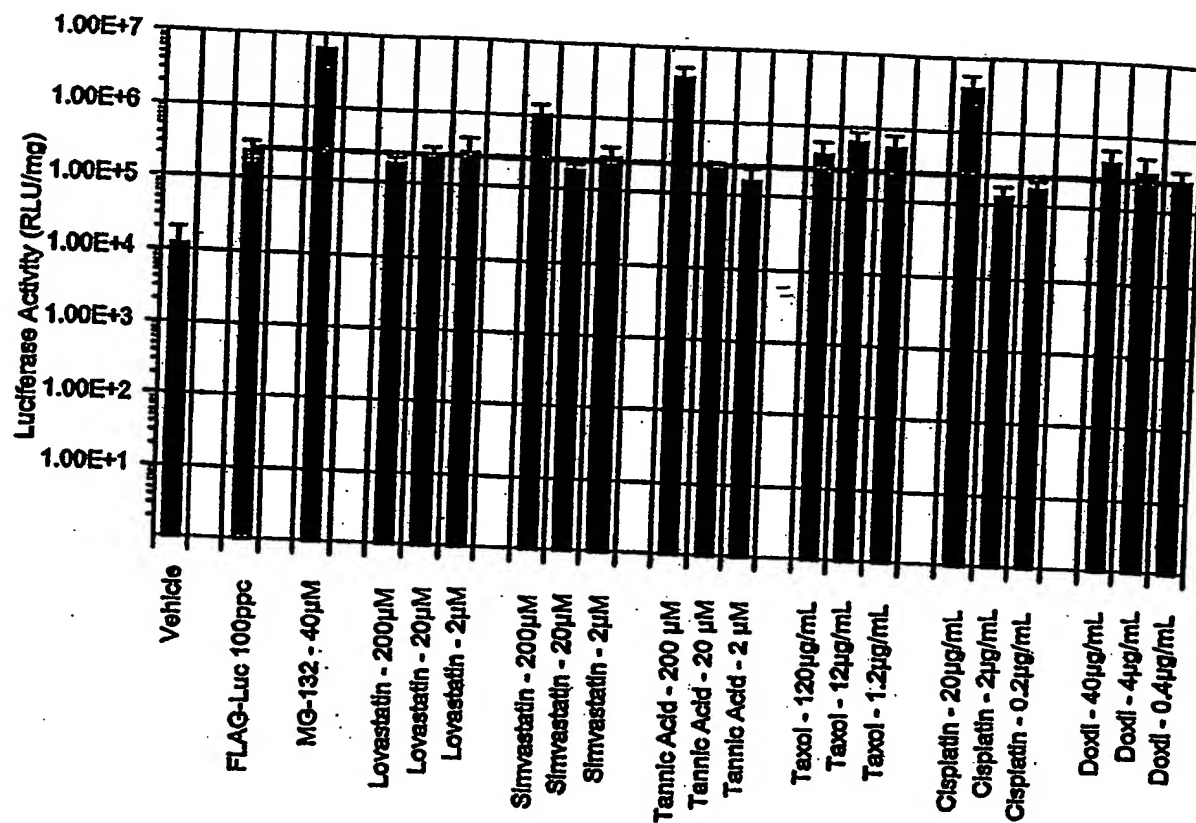
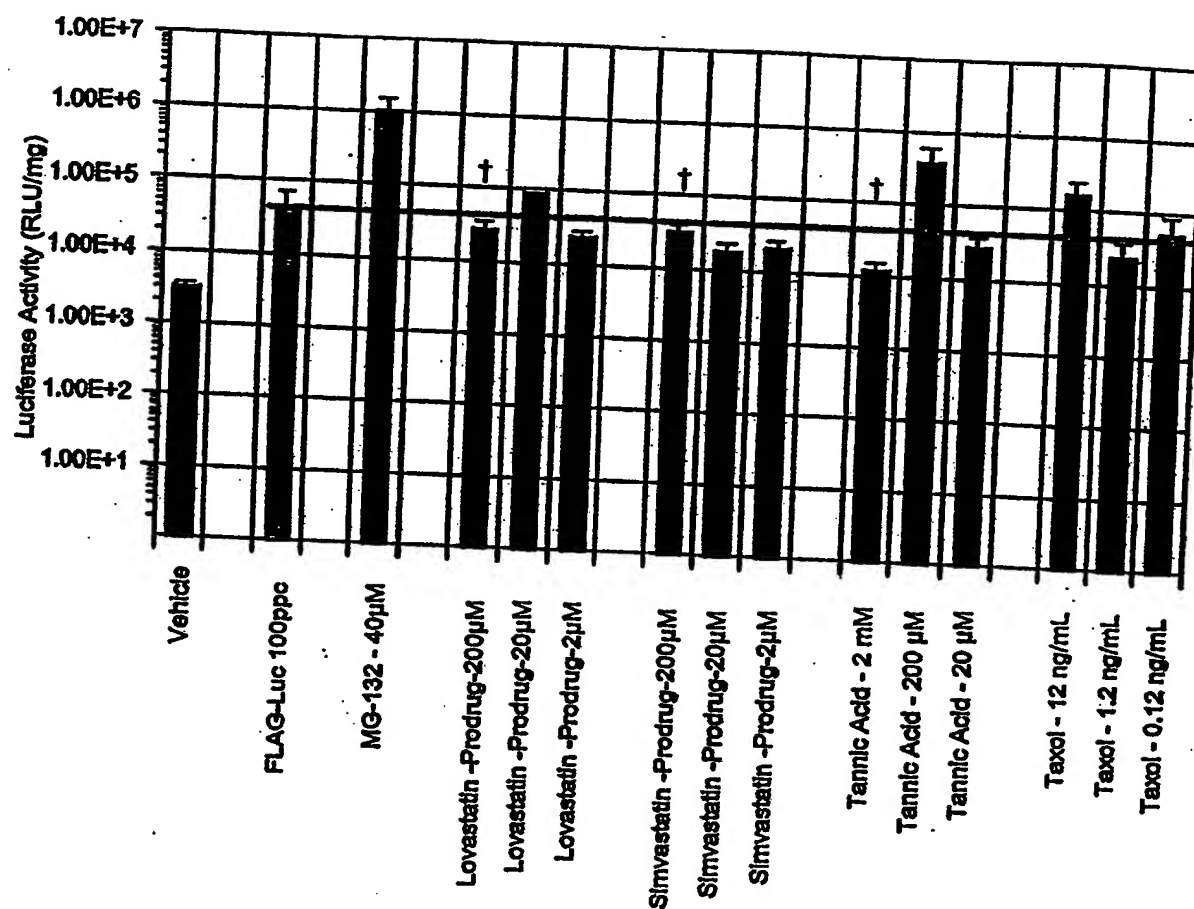


Figure 1E.



† = increased cell death

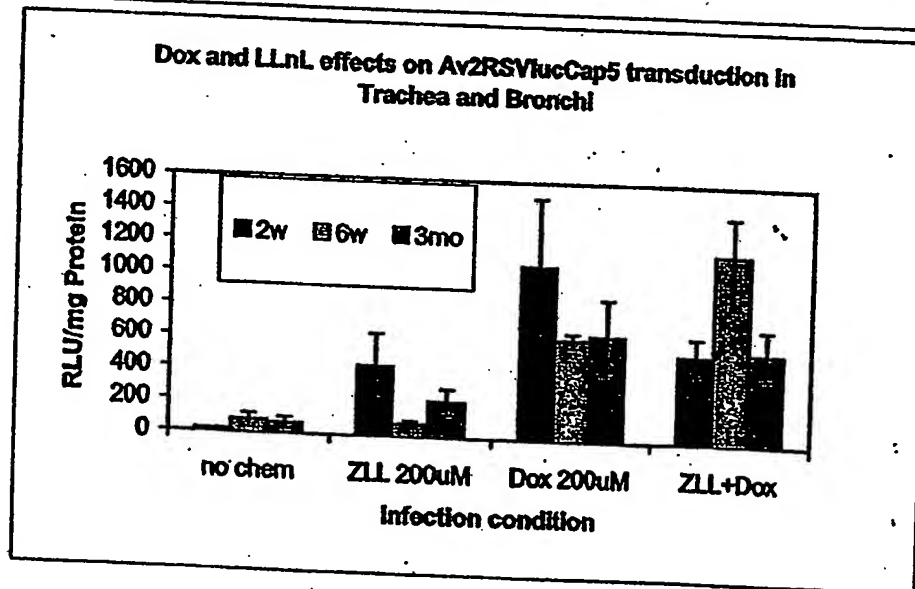
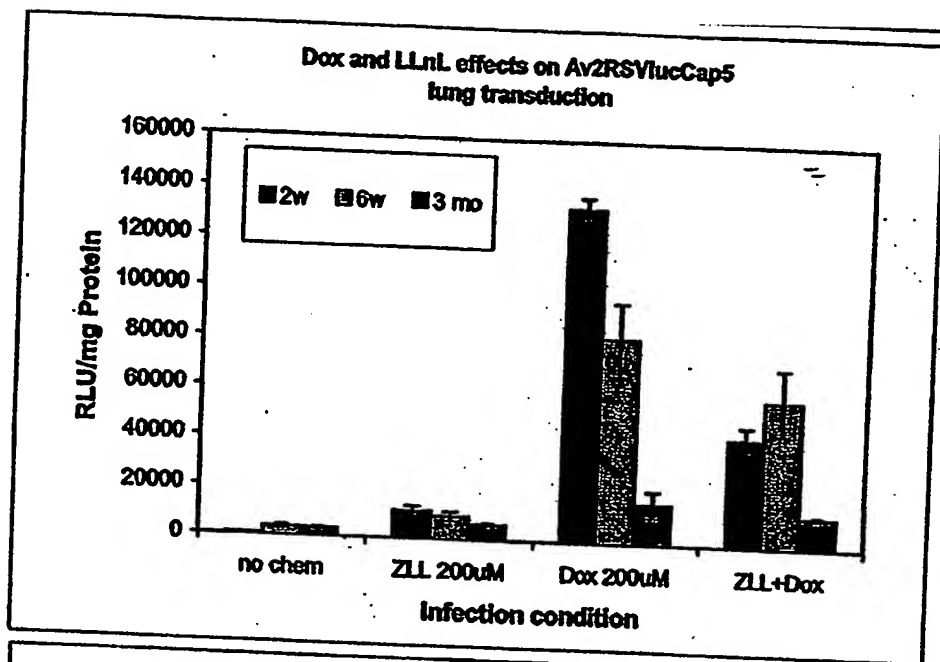


Fig 2

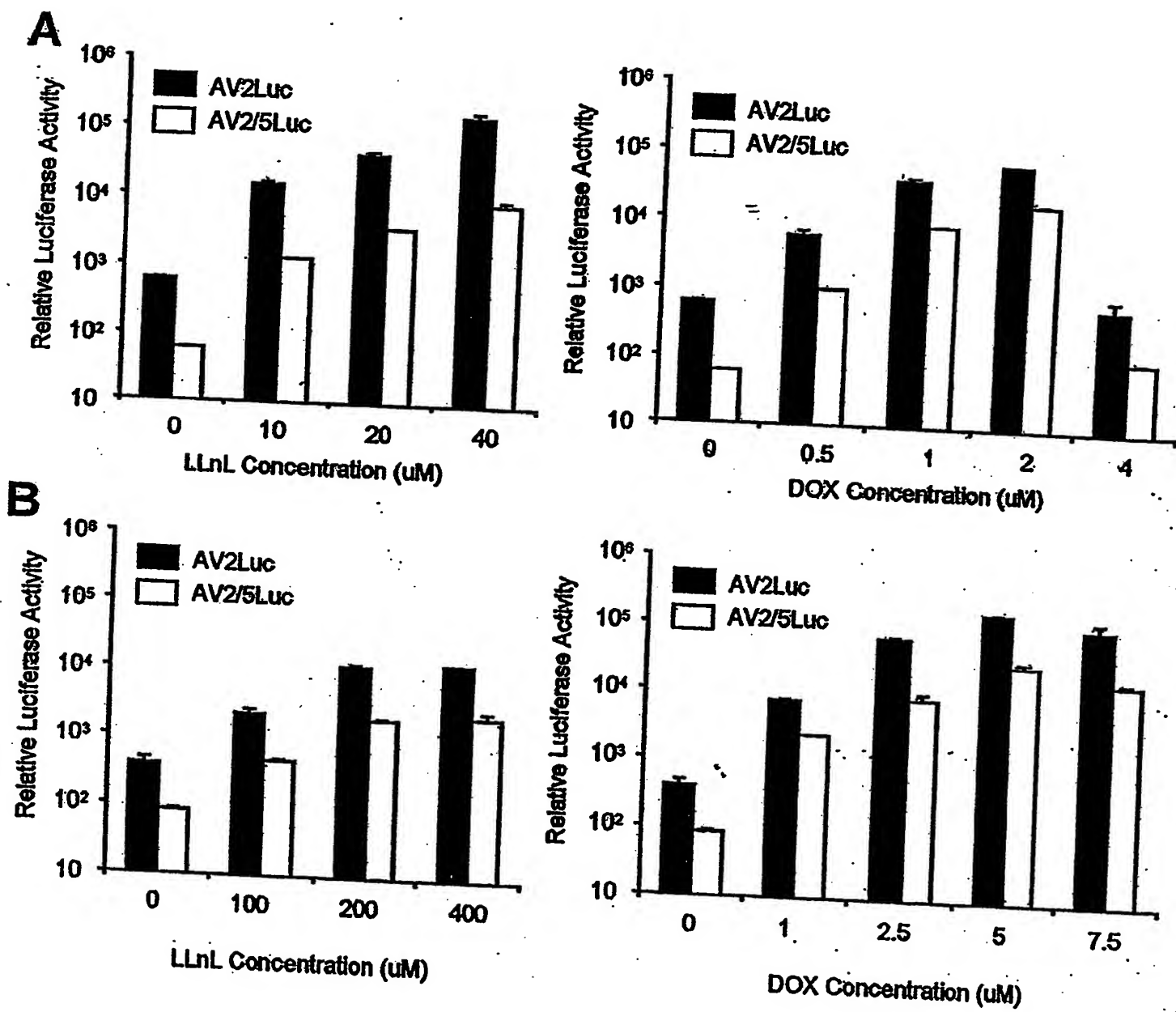


Fig 3

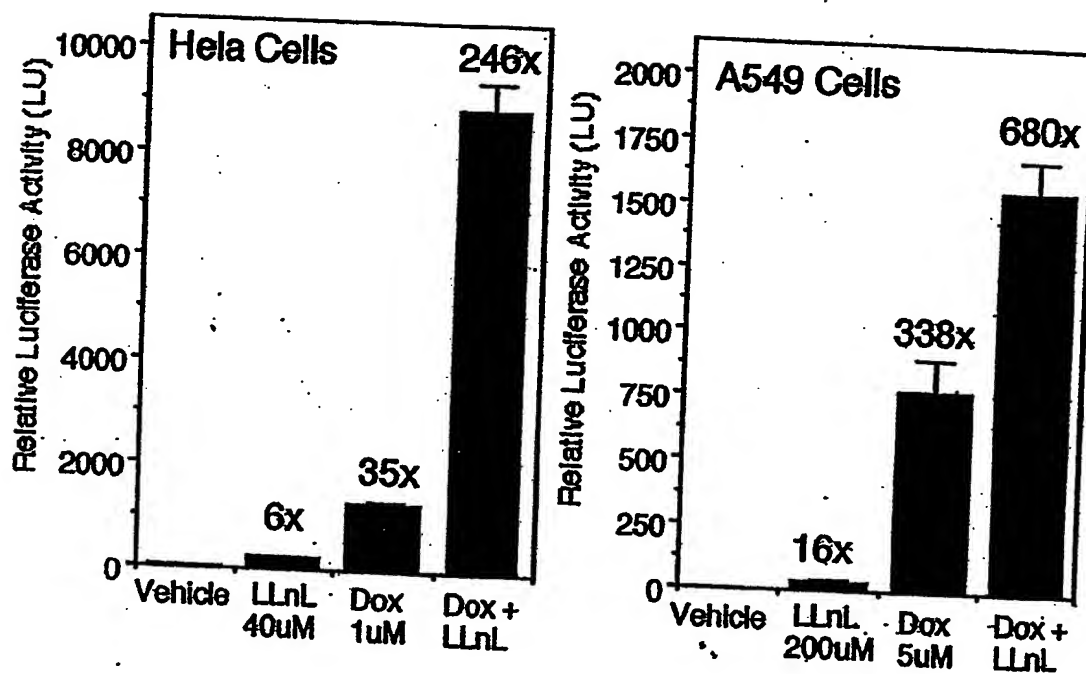


Fig 4

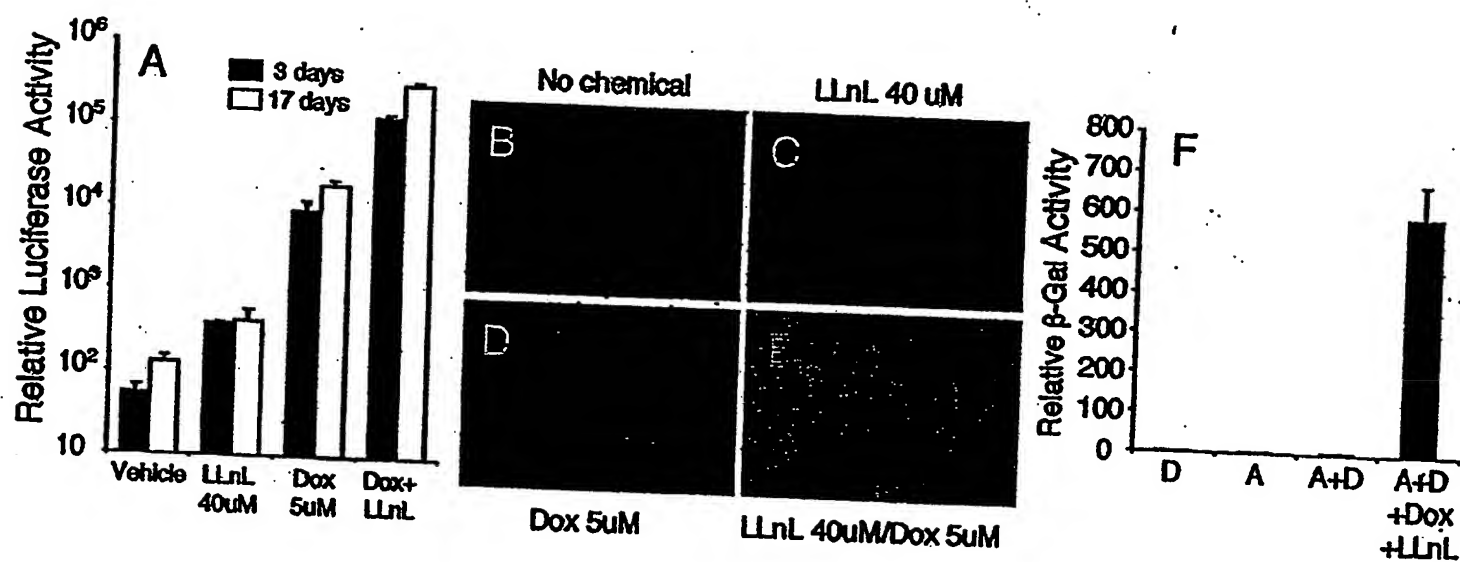


Fig 5

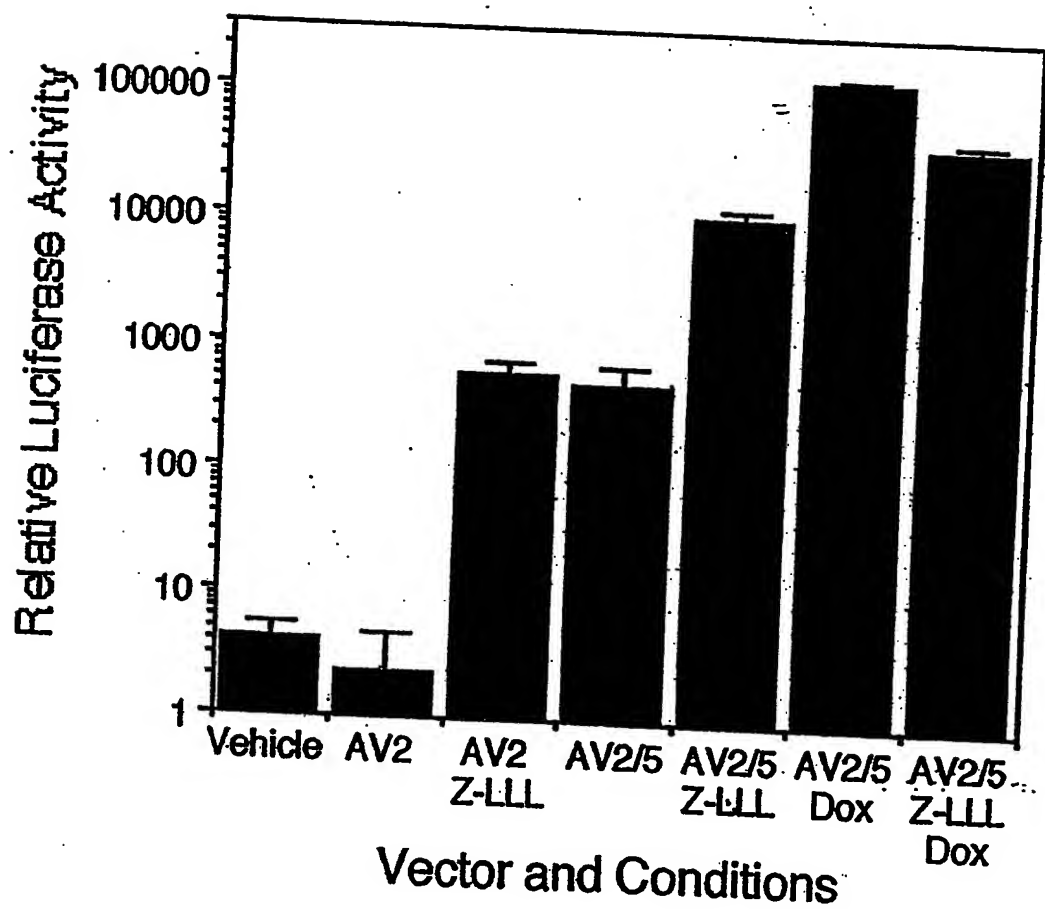


Fig 6

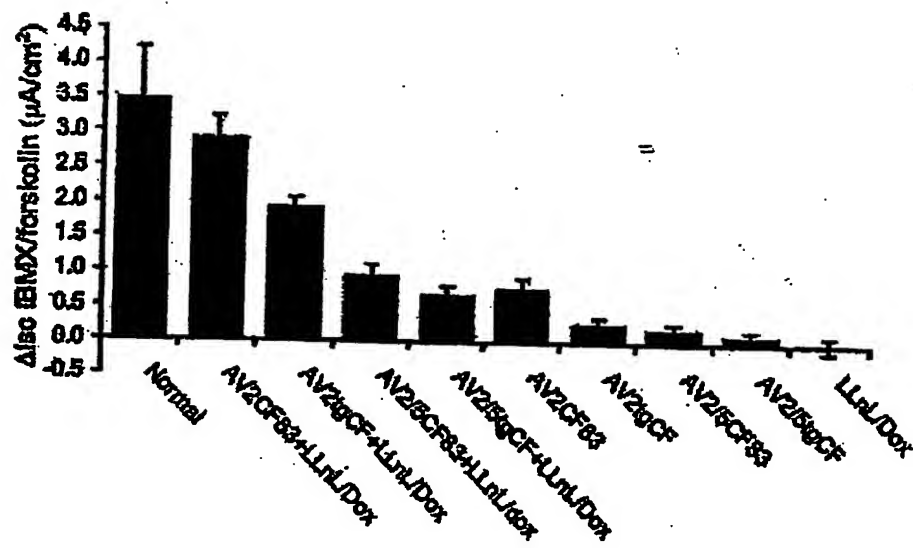


Fig 7

Fig 8A

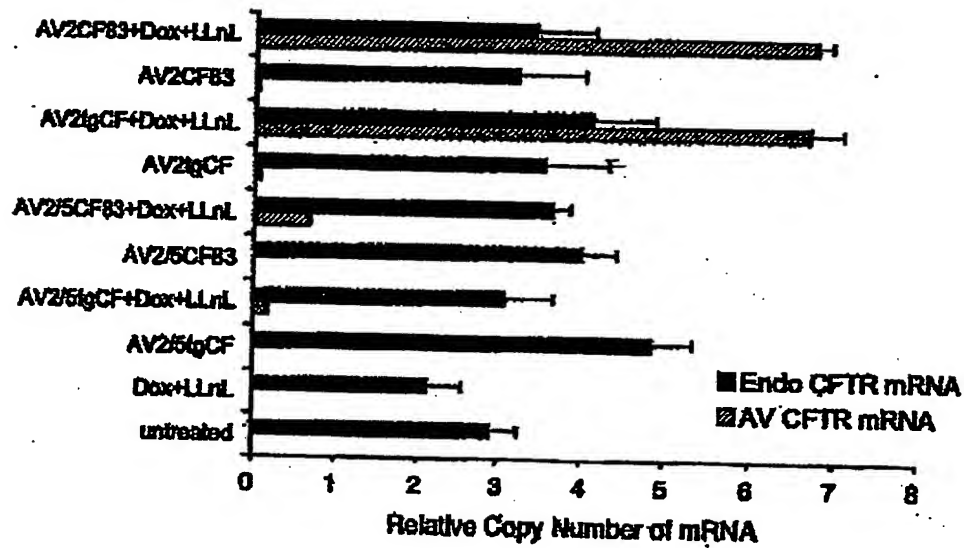


Fig 8B

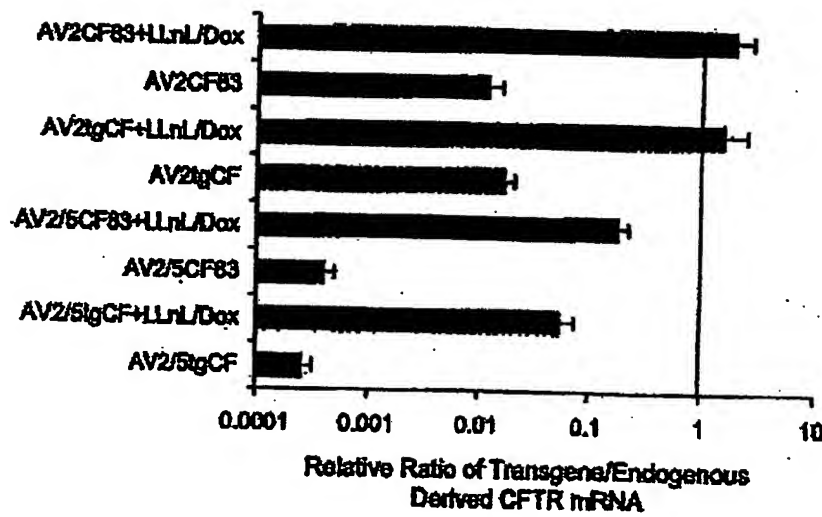


Fig 9A

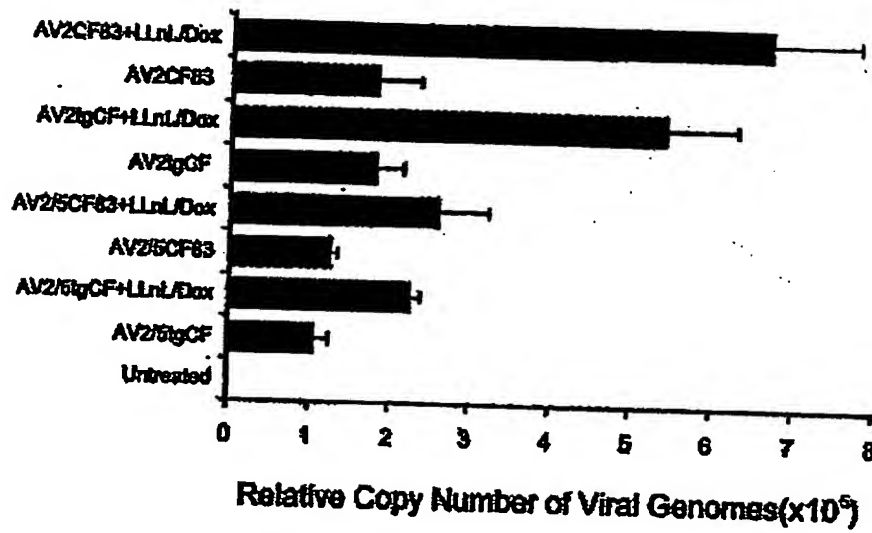


Fig 9B

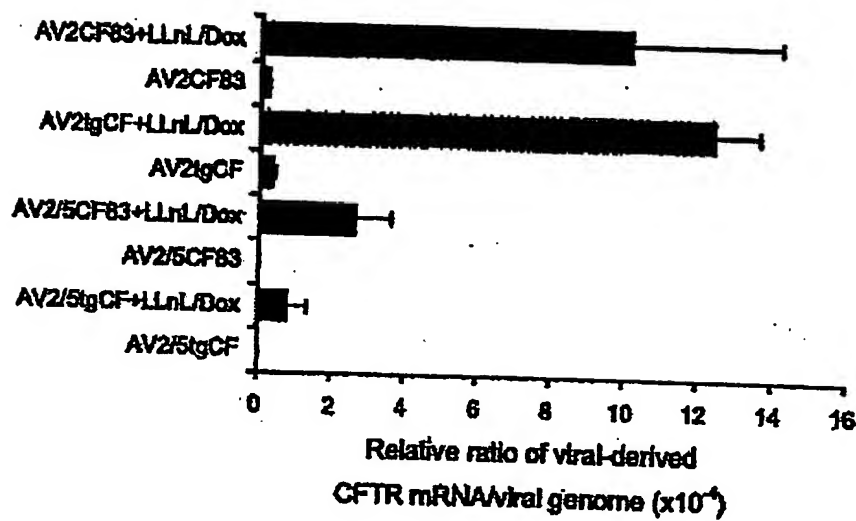


Fig 10A

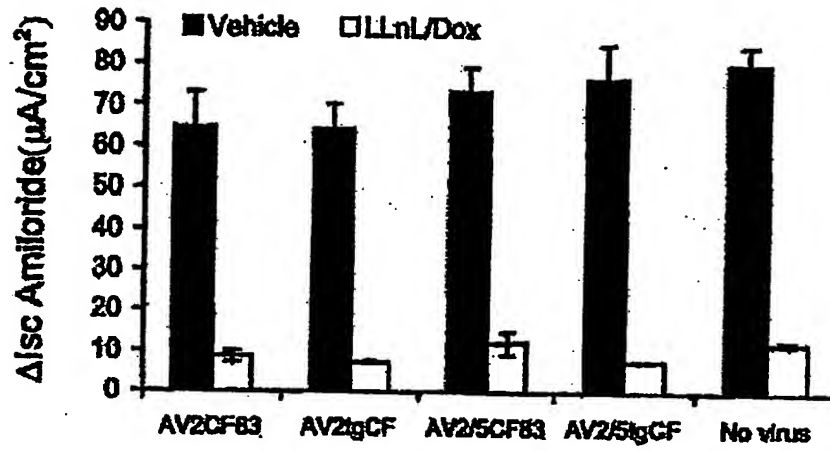


Fig 10B

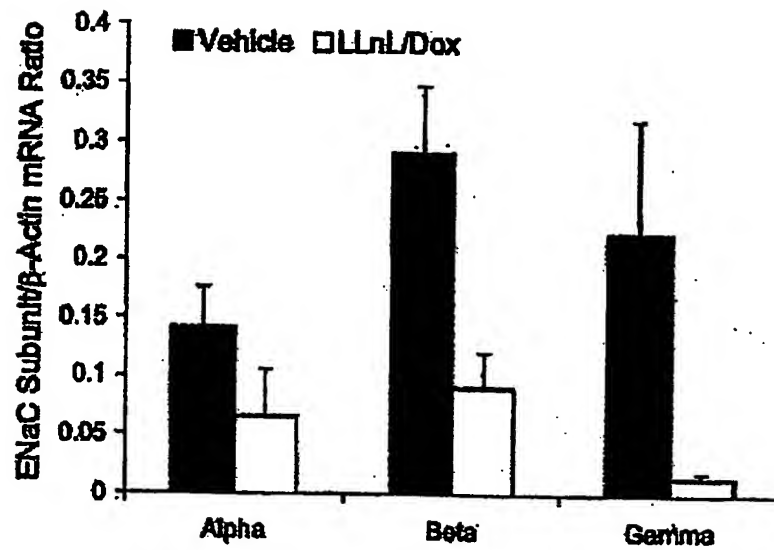


Fig 10C

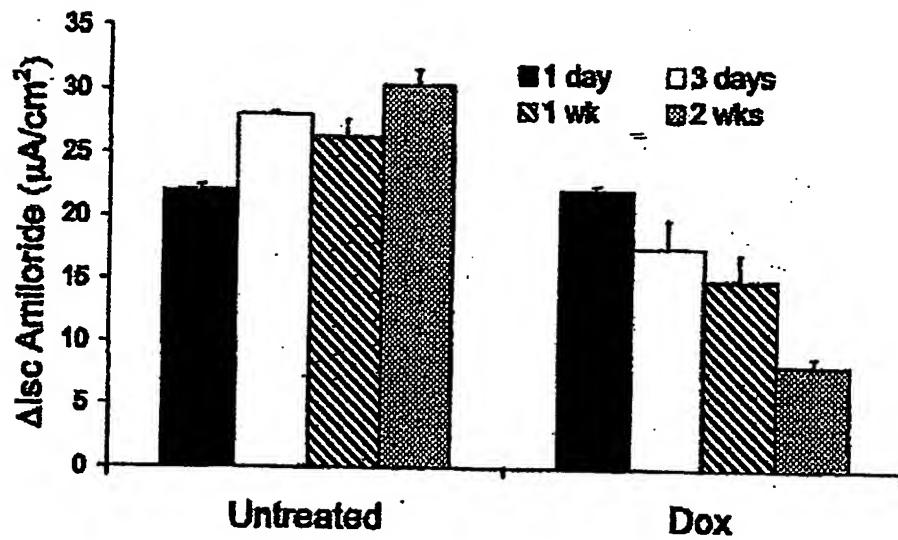
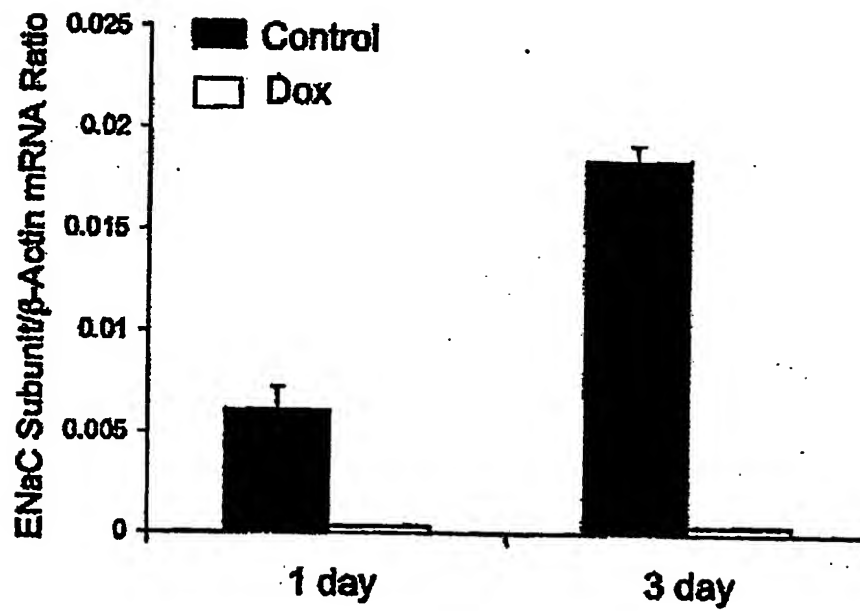
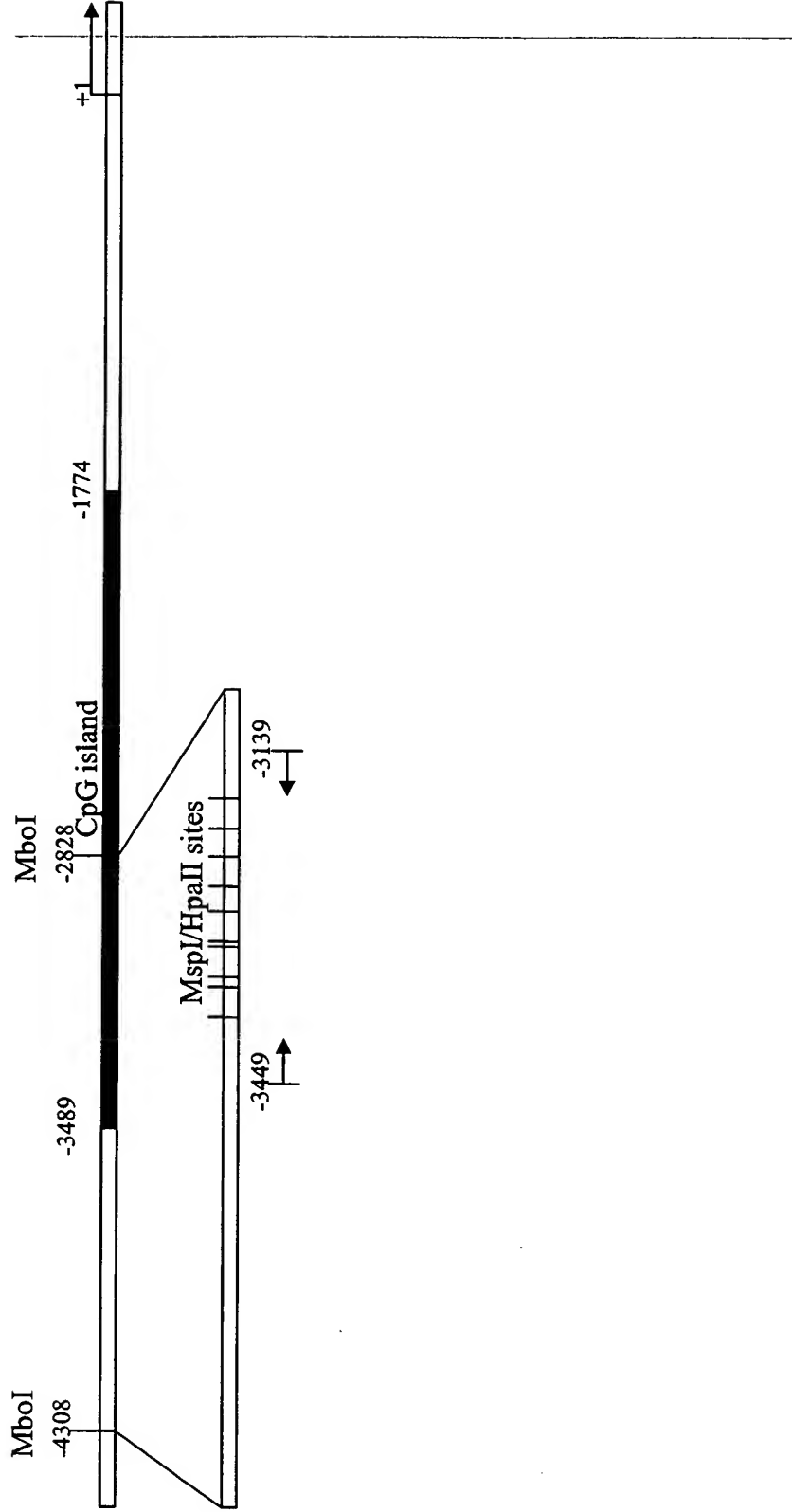


Fig 11A





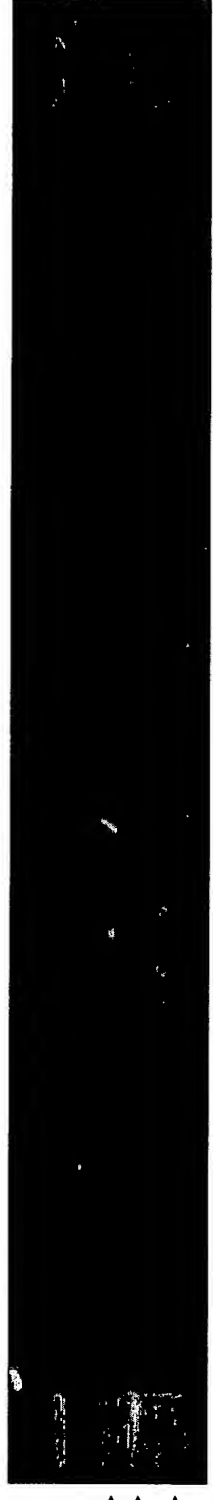
Ladder
No DNA

MbolI/HpaII

MbolI/MspI

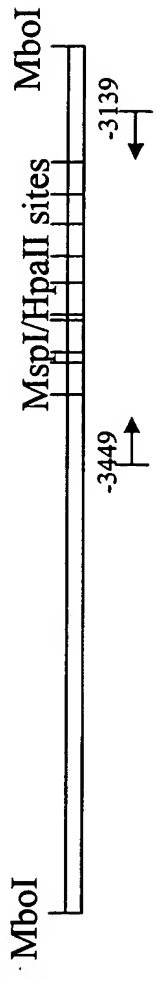
MbolI

Ladder

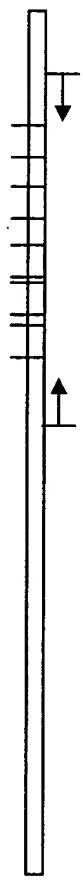


Product →
Primer →

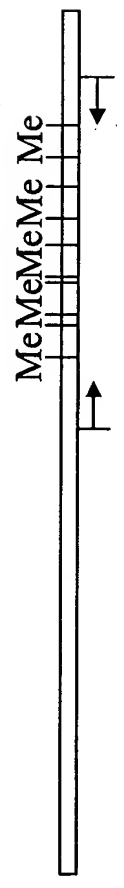
Lane: 1 2 3 4 5 6 7 8 9 10
Dox (days): 0 1 3 7 0 1 3 7 0 0



MbolI (+PCR, Lane 9)



MbolI/HpaII (+PCR, Lanes 2,3,4)



MbolI/MspI (-PCR, Lanes 5-8)

MbolI/HpaII (-PCR, Lane 1)

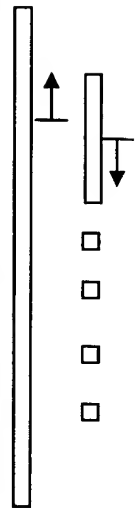


Fig 11 C

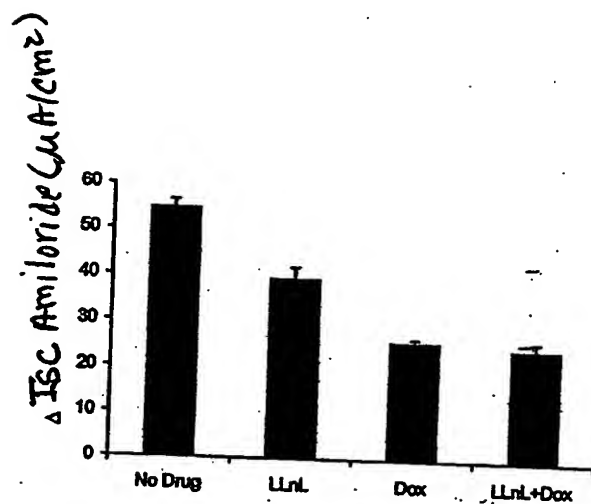


Fig 12

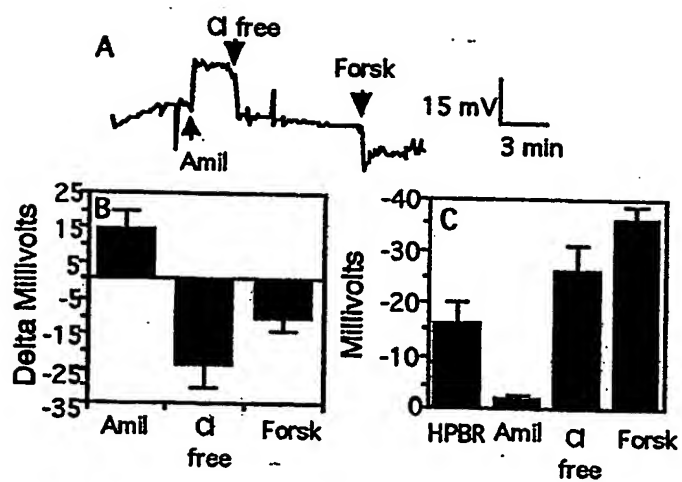
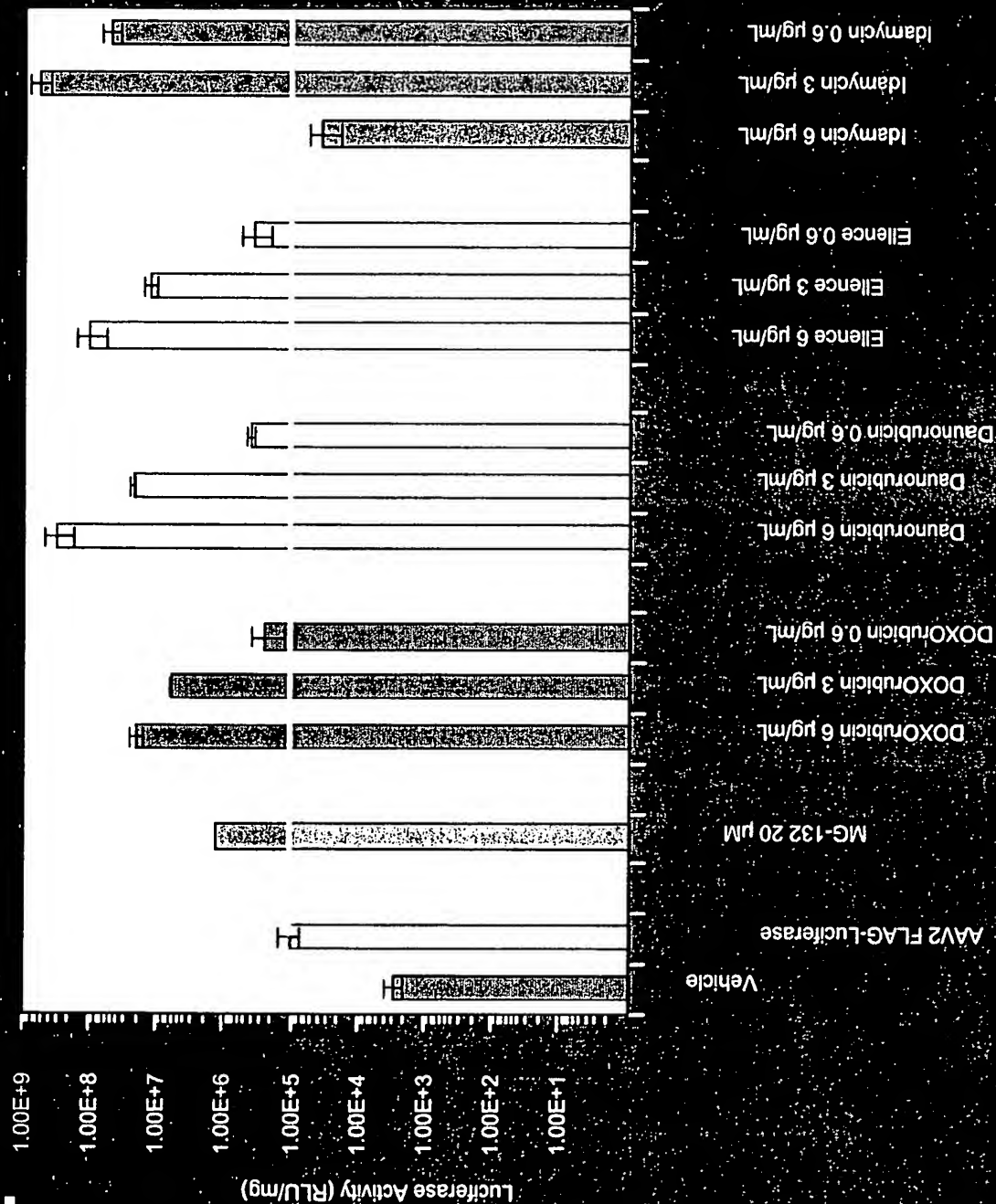


Fig 3

Transduction Modifier Screening



Transduction Modifier Screening

Sample	AVG RLU/mg	Stdev	Fold Change
Vehicle	2.95E+03	9.01E+02	
AAV2 FLAG-Luciferase	1.11E+05	3.77E+04	1.00
MG-132 20 μ M	1.43E+06	1.72E+06	12.90
DOXOrubicin 6 μ g/mL	2.10E+07	4.57E+06	189.36
DOXOrubicin 3 μ g/mL	6.55E+06	1.15E+05	58.99
DOXOrubicin 0.6 μ g/mL	2.55E+05	1.30E+05	2.30
Daunorubicin 6 μ g/mL	3.17E+08	1.41E+08	2855.65
Daunorubicin 3 μ g/mL	2.40E+07	2.72E+06	216.42
Daunorubicin 0.6 μ g/mL	4.09E+05	6.41E+04	3.69
Ellence 6 μ g/mL	1.06E+08	4.85E+07	952.50
Ellence 3 μ g/mL	1.33E+07	2.70E+06	120.13
Ellence 0.6 μ g/mL	3.81E+05	1.78E+05	3.43
Idamycin 6 μ g/mL	3.87E+04	2.00E+04	0.35
Idamycin 3 μ g/mL	5.99E+08	1.91E+08	5396.31
Idamycin 0.6 μ g/mL	5.30E+07	1.48E+07	477.76

Average luciferase expression in males, females and group.

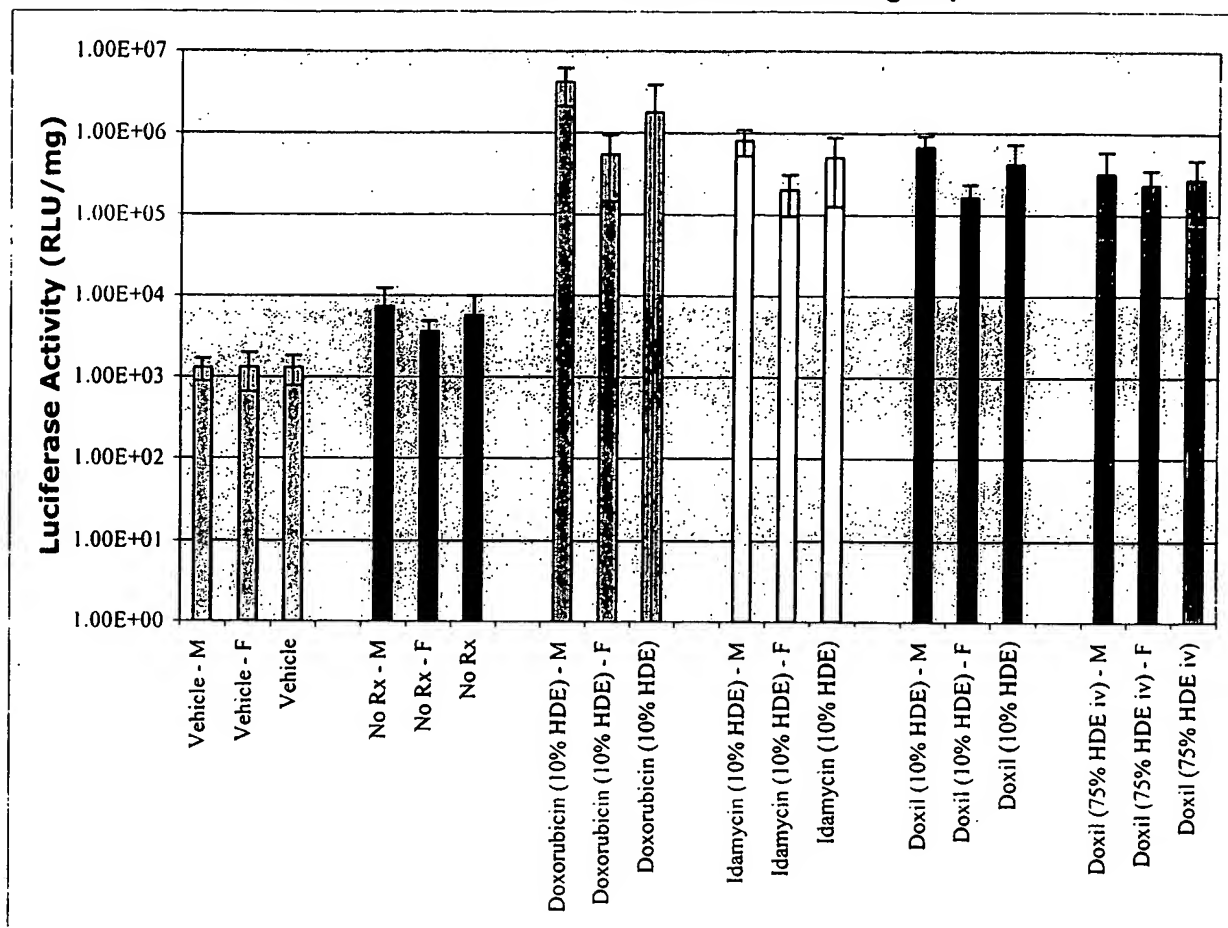


Fig 15